

# U.S. Census Bureau News

U.S. Department of Commerce • Washington, D.C. 20233

FOR IMMEDIATE RELEASE  
MONDAY, JULY 15, 2013, AT 8:30 A.M. EDT

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CB13-118

## ADVANCE MONTHLY SALES FOR RETAIL AND FOOD SERVICES JUNE 2013

**2013 Economic Indicator Webinar Series:** To learn more about this release and the other indicators the U.S. Census Bureau publishes, join us for the 2013 Economic Indicator Webinar Series. For more information go to [www.census.gov/econ/webinar](http://www.census.gov/econ/webinar).

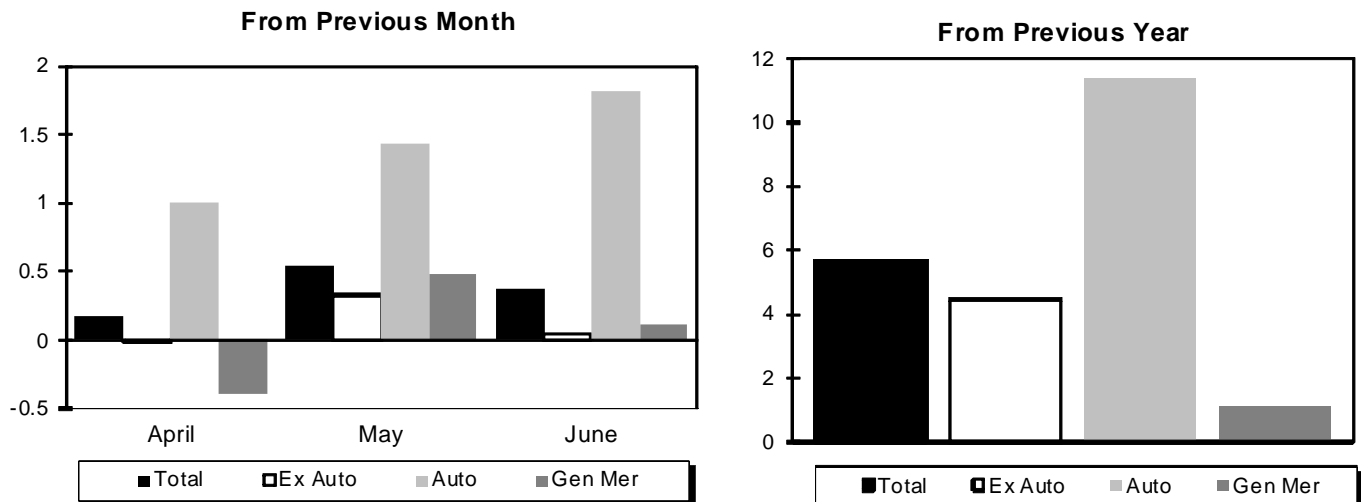
The U.S. Census Bureau announced today that advance estimates of U.S. retail and food services sales for June, adjusted for seasonal variation and holiday and trading-day differences, but not for price changes, were \$422.8 billion, an increase of 0.4 percent ( $\pm 0.5\%$ )\* from the previous month, and 5.7 percent ( $\pm 0.7\%$ ) above June 2012. Total sales for the April through June 2013 period were up 4.6 percent ( $\pm 0.5\%$ ) from the same period a year ago. The April to May 2013 percent change was revised from +0.6 percent ( $\pm 0.5\%$ ) to +0.5 percent ( $\pm 0.4\%$ ).

Retail trade sales were up 0.6 percent ( $\pm 0.5\%$ ) from May 2013 and 6.0 percent ( $\pm 0.7\%$ ) above last year. Nonstore retailers were up 13.8 percent ( $\pm 2.1\%$ ) from June 2012 and auto and other motor vehicle dealers were up 12.9 percent ( $\pm 2.1\%$ ) from last year.

*The advance estimates are based on a subsample of the Census Bureau's full retail and food services sample. A stratified random sampling method is used to select approximately 5,000 retail and food services firms whose sales are then weighted and benchmarked to represent the complete universe of over three million retail and food services firms. Responding firms account for approximately 65% of the MARTS dollar volume estimate. For an explanation of the measures of sampling variability included in this report, please see the Reliability of Estimates section on the last page of this publication.*

### Percent Change in Retail and Food Services Sales

(Estimates adjusted for seasonal variation and holiday and trading-day differences, but not for price changes)



The Advance Monthly Sales for Retail and Food Services for July is scheduled to be released August 13, 2013 at 8:30 a.m. EDT.

For customized retail time series estimates by industry, visit the Census Bureau's web site at [www.census.gov/timeseries](http://www.census.gov/timeseries).

To receive the latest updates on the nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets.

For additional survey information, visit [www.census.gov/retail](http://www.census.gov/retail).

\* The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different than zero.

# Table 1. Estimated Monthly Sales for Retail and Food Services, by Kind of Business

(Total sales estimates are shown in millions of dollars and are based on data from the Advance Monthly Retail Trade Survey, Monthly Retail Trade Survey, and administrative records.)

NAICS <sup>1</sup> code	Kind of Business	Not Adjusted							Adjusted <sup>2</sup>				
		6 Month Total		2013			2012		2013			2012	
		2013	% Chg. 2012	Jun. <sup>3</sup> (a)	May (p)	Apr. (r)	Jun.	May	Jun. <sup>3</sup> (a)	May (p)	Apr. (r)	Jun. (r)	May (r)
	<b>Retail &amp; food services,</b>												
	<b>total</b> .....	2,467,971	3.7	420,645	444,572	414,637	405,484	423,323	422,794	421,222	418,973	399,901	403,404
	Total (excl. motor vehicle & parts) ...	1,993,989	3.0	339,137	358,359	333,600	329,897	343,811	342,333	342,194	341,068	327,678	330,350
	Retail .....	2,194,201	3.7	374,353	396,048	367,893	359,974	377,206	377,543	375,401	372,874	356,015	359,525
	<b>GAFO<sup>4</sup></b> .....	(*)	(*)	(*)	102,957	94,475	97,949	100,264	(*)	103,086	102,956	101,210	101,386
441	<b>Motor vehicle &amp; parts dealers</b> .....	473,982	7.2	81,508	86,213	81,037	75,587	79,512	80,461	79,028	77,905	72,223	73,054
4411, 4412	Auto & other motor veh. dealers .	433,426	8.3	74,566	79,012	74,151	68,287	72,197	73,682	72,157	71,094	65,284	66,114
44111	New car dealers .....	(*)	(*)	(*)	64,830	60,517	56,347	60,124	(NA)	(NA)	(NA)	(NA)	(NA)
4413	Auto parts, acc. & tire stores.....	(*)	(*)	(*)	7,201	6,886	7,300	7,315	(NA)	(NA)	(NA)	(NA)	(NA)
442	<b>Furniture &amp; home furn. stores</b> .....	47,464	2.3	8,022	8,253	7,677	7,892	8,204	8,426	8,228	8,264	8,053	8,204
4421	Furniture stores .....	(*)	(*)	(*)	4,189	3,958	4,240	4,361	(NA)	(NA)	(NA)	(NA)	(NA)
4422	Home furnishings stores .....	(*)	(*)	(*)	4,064	3,719	3,652	3,843	(NA)	(NA)	(NA)	(NA)	(NA)
443	<b>Electronics &amp; appliance stores</b> .....	46,314	-0.8	7,611	7,734	7,253	7,789	7,772	8,311	8,319	8,402	8,338	8,387
44311, 13	Appl., T.V. & camera.....	(*)	(*)	(*)	6,081	5,585	5,889	5,819	(*)	6,421	6,442	6,232	6,217
44312	Computer & software stores.....	(*)	(*)	(*)	1,653	1,668	1,900	1,953	(*)	1,898	1,960	2,106	2,170
444	<b>Building material &amp; garden eq. &amp; supplies dealers</b> .....	156,185	5.3	28,642	34,108	30,008	26,988	30,812	25,772	26,346	26,035	23,554	23,799
4441	Building mat. & sup. dealers .....	(*)	(*)	(*)	26,953	24,279	22,736	24,786	(*)	22,147	22,012	20,318	20,267
445	<b>Food &amp; beverage stores</b> .....	317,283	2.3	53,550	56,107	51,146	52,977	54,213	53,706	53,765	53,497	52,512	52,320
4451	Grocery stores .....	284,703	2.0	47,757	50,060	45,789	47,352	48,537	47,901	47,996	47,747	47,023	46,805
4453	Beer, wine & liquor stores .....	(*)	(*)	(*)	4,048	3,566	3,788	3,758	(*)	3,874	3,834	3,656	3,674
446	<b>Health &amp; personal care stores</b> .....	139,503	0.3	22,543	24,059	23,144	22,382	23,725	23,458	23,404	23,284	22,769	23,169
44611	Pharmacies & drug stores .....	(*)	(*)	(*)	20,087	19,292	18,735	20,013	(*)	19,483	19,369	19,156	19,468
447	<b>Gasoline stations</b> .....	272,570	0.0	47,402	48,518	45,873	46,033	48,722	45,491	45,175	44,974	43,633	45,535
448	<b>Clothing &amp; clothing accessories stores</b> .....	114,708	3.6	19,572	21,346	19,486	18,926	20,181	21,061	20,914	20,938	20,091	19,928
44811	Men's clothing stores .....	(*)	(*)	(*)	720	697	744	771	(*)	(S)	(S)	(S)	(S)
44812	Women's clothing stores .....	(*)	(*)	(*)	3,752	3,528	3,446	3,763	(*)	3,474	3,466	3,520	3,520
44814	Family clothing stores .....	(*)	(*)	(*)	8,352	7,496	7,390	7,656	(NA)	(NA)	(NA)	(NA)	(NA)
4482	Shoe stores .....	(*)	(*)	(*)	2,423	2,402	2,229	2,381	(*)	2,462	2,531	2,420	2,442
451	<b>Sporting goods, hobby, book &amp; music stores</b> .....	41,030	3.5	7,077	6,922	6,476	7,062	6,781	7,505	7,451	7,393	7,258	7,371
452	<b>General merchandise stores</b> .....	311,886	0.4	53,817	55,431	50,659	53,440	54,247	55,014	54,949	54,688	54,411	54,402
4521	Department stores (ex. L.D.).....	79,092	-4.9	13,561	14,208	12,908	14,388	14,578	14,492	14,631	14,662	15,265	15,288
4521	Department stores (incl. L.D.) <sup>5</sup> .....	(*)	(*)	(*)	14,470	13,006	14,619	14,811	(*)	(NA)	(NA)	(NA)	(NA)
4529	Other general merch. stores.....	(*)	(*)	(*)	41,223	37,751	39,052	39,669	(*)	40,318	40,026	39,146	39,114
45291	Warehouse clubs & supercenters.....	(*)	(*)	(*)	35,812	32,857	34,118	34,486	(*)	35,110	34,880	34,152	34,111
45299	All oth. gen. merch. stores.....	(*)	(*)	(*)	5,411	4,894	4,934	5,183	(*)	5,208	5,146	4,994	5,003
453	<b>Miscellaneous store retailers</b> .....	60,328	5.1	10,535	11,597	10,023	10,343	10,581	10,402	10,668	10,497	9,834	9,718
454	<b>Nonstore retailers</b> .....	212,948	11.2	34,074	35,760	35,111	30,555	32,456	37,936	37,154	36,997	33,339	33,638
4541	Elect. shopping & m/o houses ....	(*)	(*)	(*)	28,632	27,741	24,227	25,515	(*)	29,670	29,387	26,051	26,142
722	<b>Food services &amp; drinking places</b> ...	273,770	3.9	46,292	48,524	46,744	45,510	46,117	45,251	45,821	46,099	43,886	43,879

(\*) Advance estimates are not available for this kind of business.

(NA) Not available (S) Suppressed (a) Advance estimate (p) Preliminary estimate (r) Revised estimate

(1) For a full description of the NAICS codes used in this table, see <http://www.census.gov/eos/www/naics>

(2) Estimates are concurrently adjusted for seasonal variation and for holiday and trading day differences, but not for price changes. Concurrent seasonal adjustment uses all available unadjusted estimates as input to the X-13ARIMA-SEATS program. The factors derived from the program are used in calculating all seasonally adjusted estimates shown in this table. Year-to-date seasonally adjusted sales estimates are not tabulated. Adjustment factors and explanatory material can be found on the Internet at <http://www.census.gov/retail>

(3) Advance estimates are based on early reports obtained from a small sample of firms selected from the larger Monthly Retail Trade Survey (MRTS) sample. All other estimates are from the MRTS sample

(4) GAFO represents firms which specialize in department store types of merchandise and is comprised of furniture & home furnishings (442), electronics & appliances (443), clothing & accessories (448), sporting goods, hobby, book, and music (451), general merchandise (452), office supply, stationery, and gift stores (4532).

(5) Estimates include data for leased departments operated within department stores. Data for this line are not included in broader kind-of-business totals.

Note: Table 3 provides estimated measures of sampling variability. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at <http://www.census.gov/retail>

**Table 2. Estimated Change in Monthly Sales for Retail and Food Services, by Kind of Business**

(Estimates are shown as percents and are based on data from the Advance Monthly Retail Trade Survey, Monthly Retail Trade Survey, and administrative records.)

NAICS code	Kind of Business	Percent Change <sup>1</sup>					
		Jun. 2013 Advance from --		May 2013 Preliminary from --		Apr. 2013 through Jun. 2013 from --	
		May 2013 (p)	Jun. 2012 (r)	Apr. 2013 (r)	May 2012 (r)	Jan. 2013 through Mar. 2013	Apr. 2012 through Jun. 2012
	<b>Retail &amp; food services, total .....</b>	0.4	5.7	0.5	4.4	0.8	4.6
	Total (excl. motor vehicle & parts) .....	0.0	4.5	0.3	3.6	0.4	3.6
	Retail .....	0.6	6.0	0.7	4.4	0.8	4.7
441	<b>Motor vehicle &amp; parts dealers .....</b>	1.8	11.4	1.4	8.2	2.8	9.0
4411, 4412	Auto & other motor veh. dealers ..	2.1	12.9	1.5	9.1	3.2	10.2
442	<b>Furniture &amp; home furn. stores .....</b>	2.4	4.6	-0.4	0.3	0.8	2.7
443	<b>Electronics &amp; appliance stores .....</b>	-0.1	-0.3	-1.0	-0.8	-0.6	0.1
444	<b>Building material &amp; garden eq. &amp; supplies dealers.....</b>	-2.2	9.4	1.2	10.7	2.8	8.7
445	<b>Food &amp; beverage stores.....</b>	-0.1	2.3	0.5	2.8	-0.1	2.2
4451	Grocery stores .....	-0.2	1.9	0.5	2.5	-0.1	1.8
446	<b>Health &amp; personal care stores .....</b>	0.2	3.0	0.5	1.0	0.6	1.4
447	<b>Gasoline stations .....</b>	0.7	4.3	0.4	-0.8	-2.9	0.1
448	<b>Clothing &amp; clothing accessories stores .....</b>	0.7	4.8	-0.1	4.9	2.0	5.3
451	<b>Sporting goods, hobby, book &amp; music stores.....</b>	0.7	3.4	0.8	1.1	-1.2	1.6
452	<b>General merchandise stores.....</b>	0.1	1.1	0.5	1.0	0.1	0.9
4521	Department stores (ex. L.D.).....	-1.0	-5.1	-0.2	-4.3	-2.0	-4.6
453	<b>Miscellaneous store retailers .....</b>	-2.5	5.8	1.6	9.8	2.0	7.3
454	<b>Nonstore retailers .....</b>	2.1	13.8	0.4	10.5	2.4	12.0
722	<b>Food services &amp; drinking places .....</b>	-1.2	3.1	-0.6	4.4	0.6	4.2

(p) Preliminary estimate (r) Revised estimate

(1) Estimates shown in this table are derived from adjusted estimates provided in Table 1 of this report.

Note: Table 3 provides estimated measures of sampling variability. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at <http://www.census.gov/retail>.

Source: U.S. Census Bureau

### Survey Description

The U.S. Census Bureau conducts the Advance Monthly Retail Trade and Food Services Survey (MARTS) to provide an early estimate of monthly sales by kind of business for retail and food service firms located in the United States. Each month, questionnaires are mailed to a probability sample of approximately 5,000 employer firms selected from the larger Monthly Retail Trade Survey (MRTS). Firms responding to MARTS account for approximately 65% of the total national sales estimate. Advance sales estimates are computed using a link relative estimator. The change in sales from the previous month is estimated using only units that have reported data for both the current and

previous month. There is no imputation or adjustment for nonrespondents in MARTS. The total sales estimate is derived by multiplying this ratio by the preliminary sales estimate for the previous month (derived from the larger MRTS sample). Detailed industry estimates are summed to derive total estimates at broad industry levels. The monthly estimates are adjusted using annual survey estimates and for seasonal variation and holiday and trading-day differences. Additional information on MARTS and MRTS can be found on the Census Bureau website at: <http://www.census.gov/retail>.

Official Business

Penalty for Private Use, \$300

### Reliability of Estimates

Because the estimates presented in this report are based on a sample survey, they contain sampling error and nonsampling error.

Sampling error is the difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Standard errors and coefficients of variation (CV), as given in Table 3 of this report, are estimated measures of sampling variation.

The margin of sampling error, as used on page 1, gives a range about the estimate which is a 90 percent confidence interval. If, for example, the percent change estimate is +1.2 percent and its estimated standard error is 0.9 percent, then the margin of sampling error is  $\pm 1.753 \times 0.9$  percent or  $\pm 1.6$  percent, and the 90 percent confidence interval is -0.4 percent to +2.8 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90 percent

confidence level that the change is different from zero and therefore the change is not statistically significant. Estimated changes shown in the text are statistically significant unless otherwise noted. For a monthly total, the median estimated coefficient of variation is given. The resulting confidence interval is the estimated value  $\pm 1.753 \times CV \times$  (the estimated monthly total). The Census Bureau recommends that individuals using estimates in this report incorporate this information into their analyses, as sampling error could affect the conclusions drawn from the estimates.

Nonsampling error encompasses all other factors that contribute to the total error of a sample survey estimate. This type of error can occur because of nonresponse, insufficient coverage of the universe of retail businesses, mistakes in the recording and coding of data, and other errors of collection, response, coverage, or processing. Although nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error.

**Table 3. Estimated Measures of Sampling Variability and Revision to Advance Estimates June 2013**

(Estimates are shown as percents and are based on data from the Advance Monthly Retail Trade Survey and Monthly Retail Trade Survey)

NAICS Code	Kind of Business	Median CV <sup>(1)</sup> for Current Mo. (%)	Median standard error <sup>(1)</sup> for Percent change			Revision for month-to-month change <sup>(2)</sup>	
			Previous Mo. to Current Mo.	Previous Qtr. to Current Qtr.	Current Mo. to same Mo. Last Yr.	Average revision	Median absolute revision
	<b>Retail &amp; food services,</b>						
	total .....	0.5	0.3	0.2	0.4	0.0	0.1
	Total (excl. motor vehicle & parts) ..	0.6	0.2	0.1	0.4	0.0	0.1
	<b>Retail .....</b>	0.5	0.3	0.2	0.4	0.0	0.1
441	<b>Motor vehicle &amp; parts dealers .....</b>	1.7	1.3	0.6	1.1	0.0	0.4
4411, 4412	Auto & other motor veh. dealers .	1.9	1.3	0.6	1.2	0.0	0.4
442	<b>Furniture &amp; home furn. stores.....</b>	2.5	1.3	0.8	2.2	0.0	0.2
443	<b>Electronics &amp; appliance stores .....</b>	2.6	0.5	0.5	1.3	-0.3	0.3
444	<b>Building material &amp; garden eq. &amp;....</b>						
	<b>supplies dealers.....</b>	1.9	1.1	1.0	2.3	0.1	0.6
445	<b>Food &amp; beverage stores.....</b>	2.0	0.3	0.2	0.6	0.0	0.1
4451	Grocery stores .....	2.3	0.3	0.3	0.6	-0.1	0.1
446	<b>Health &amp; personal care stores .....</b>	2.0	0.4	0.4	0.7	-0.1	0.4
447	<b>Gasoline stations .....</b>	2.1	0.5	0.5	0.8	-0.1	0.5
448	<b>Clothing &amp; clothing accessories</b>						
	<b>stores .....</b>	2.3	0.4	0.5	0.7	0.1	0.3
451	<b>Sporting goods, hobby, book &amp;</b>						
	<b>music stores.....</b>	1.8	0.7	1.0	2.9	0.1	0.6
452	<b>General merchandise stores.....</b>	0.4	0.0	0.1	0.3	0.0	0.1
4521	Department stores (ex. L.D.).....	0.0	0.0	0.0	0.0	0.0	0.2
453	<b>Miscellaneous store retailers .....</b>	3.2	2.1	1.2	2.8	0.3	0.6
454	<b>Nonstore retailers .....</b>	1.7	0.5	0.4	1.2	0.3	0.3
722	<b>Food services &amp; drinking places ..</b>	2.0	0.9	1.0	1.3	0.1	0.3

(1) Estimated measures of sampling variability are based on estimates not adjusted for seasonal variation or holiday or trading day variation. Medians are based on estimates for the period January 2013 - Present. For measures of sampling variability where there are not enough months collected on the new sample basis to calculate medians, the last available medians from the prior sample are provided.

(2) These columns provide measures of the difference between the advance-to-preliminary and preliminary-to-final estimates of month-to-month change for the same pair of months as measured by the Advance sample and MRTS sample. The average and median revisions are based on estimates for the most recent 12 months.